

App. No. 09/785,861
Amendment Dated: August 23, 2005
Reply to Office Action of May 10, 2005

2/16/01

Listing of Claims:

Claim 1 (canceled)

Claim 2 (currently amended): The computer-readable medium of claim [[1]] 31, wherein the messaging component comprises a mail application.

Claim 3 (currently amended): The computer-readable medium of claim [[1]] 31, wherein the messaging component comprises a message form.

Claim 4 (currently amended): The computer-readable medium of claim [[1]] 31, wherein the messaging component comprises a message transport.

Claim 5 (currently amended): The computer-readable medium of claim [[1]] 31, further comprising another messaging component that communicates with the ~~at least one~~ messaging component and the storage component using the first format.

Claim 6 (currently amended): The computer-readable medium of claim [[1]] 31, wherein the storage component further comprises at least one handler that is configured to perform the translation of the properties of the message from the first format to the second format.

Claim 7 (previously presented): The computer-readable medium of claim 6, wherein the handler is registered to translate a particular type of property, and wherein the storage component makes use of the handler if a property of the message corresponds to the particular type of property.

Claim 8 (previously presented): The computer-readable medium of claim 6, wherein the handler is further configured to create a new property from a property passed to the storage component.

App. No. 09/785,861
Amendment Dated: August 23, 2005
Reply to Office Action of May 10, 2005

Claim 9 (currently amended): The computer-readable medium of claim 8, wherein the handler ~~if~~ is further configured to create an additional new property based on the property passed to the storage component.

Claim 10 (canceled)

Claim 11 (currently amended): The computer-readable medium of claim ~~10~~ 32, wherein the property includes a descriptor that distinguishes the property from other properties.

Claim 12 (original): The computer-readable medium of claim 11, wherein the descriptor comprises a property type.

Claim 13 (currently amended): The computer-readable medium of claim 11, wherein translating the data ~~message~~ further comprises passing the ~~message~~ message data to a handler for processing, the handler being associated with the descriptor.

Claim 14 (original): The computer-readable medium of claim 13, wherein the handler is registered to process data of a type associated with the descriptor.

Claim 15 (original): The computer-readable medium of claim 14, wherein the handler is further configured to convert the property from the first format into the second format.

Claim 16 (currently amended): The computer-readable medium of claim 15, wherein the handler ~~if~~ is further configured to translate the property into at least one other property~~[[,]]~~ and the at least one other property ~~conforming~~ conforms to the second format.

Claim 17 (currently amended): The computer-readable medium of claim ~~10~~ 32, wherein storing the data ~~message~~ in the data store comprises storing the ~~message~~ message data in a plurality of tables.

App. No. 09/785,861
Amendment Dated: August 23, 2005
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Claim 18 (original): The computer-readable medium of claim 17, wherein each of the plurality of tables corresponds to a message folder.

Claim 19 (original): The computer-readable medium of claim 17, wherein one of the plurality of tables is configured to contain certain properties, and another of the plurality of tables is configured to contain certain other properties.

Claim 20 (original): The computer-readable medium of claim 17, wherein a table within the plurality of tables is configured as an overflow mechanism for another of the tables within the plurality of tables.

Claim 21 (original): The computer-readable medium of claim 20, wherein the overflow mechanism comprises a file system.

Claim 22 (canceled)

Claim 23 (currently amended): The computer-readable medium of claim ~~22~~ 33, further comprising passing the translated data message to a component associated with ~~the~~ a request for the message.

Claim 24 (currently amended): The computer-readable medium of claim ~~22~~ 33, wherein retrieving the message from the data store further comprises retrieving data ~~the data is retrieved~~ from at least one table in a plurality of tables.

Claim 25 (currently amended): The computer-readable medium of claim ~~22~~ 33, wherein the property includes a descriptor that distinguishes the property from other properties.

Claim 26 (original): The computer-readable medium of claim 25, wherein the descriptor comprises a property type.

App. No. 09/785,861
Amendment Dated: August 23, 2005
Reply to Office Action of May 10, 2005



Claim 27 (currently amended): The computer-readable medium of claim 25, wherein translating the data message further comprises passing the message data to a handler for processing, the handler being associated with the descriptor.

Claim 28 (original): The computer-readable medium of claim 27, wherein the handler is registered to process data of a type associated with the descriptor.

Claim 29 (currently amended): The computer-readable medium of claim 28, wherein the handler if is further configured to convert the property from the first standard distribution format into the second native storage format.

Claim 30 (currently amended): The computer-readable medium of claim 29, wherein the handler is further configured to translate the property into at least one other property, wherein and the at least one other property conforming conforms to the second native storage format.

Claim 31 (new): A computer-readable medium having computer-executable components for storing and distributing a message in a mobile device, comprising:

a transport component included in the mobile device that is configured to communicate with external devices according to a transport protocol associated with the transport component, and is further configured communicate with local components according to a first format for distribution of the message in the mobile device, wherein the first format is different from the transport protocol;

a messaging component included in the mobile device that is configured to provide a user access to the message, and is further configured to communicate with local components according to the first format;

a data store included in the mobile device that is configured to provide for storage of the message according to a second format, wherein the second format corresponds to a native storage format of the mobile device and is different from the first format and the transport protocol; and

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App. No. 09/785,861
Amendment Dated: August 23, 2005
Reply to Office Action of May 10, 2005

a storage component included in the mobile device that is configured to communicate with the transport component and the messaging component according to the first format, and is further configured to translate the message from the first format to the second format for storage in the data store.

Claim 32 (new): A computer-readable medium, having computer executable-instructions for storing and distributing a message in a mobile device, comprising:

receiving a message across a communication medium, wherein the communication medium is associated with a transport protocol;

distributing the message within the mobile device according to a first format, wherein the first format corresponds to a standard format for distribution of the message in the mobile device and is different from the transport protocol;

translating the message from the first format to second format for storage, wherein the second format corresponds to a native storage format of the mobile device and is different from the first format and the transport protocol; and

11/2/05 storing the message in the data store in the second format, wherein storing the message includes storing a property associated with the message.

Claim 33 (new): A computer-readable medium, having computer executable-instructions for storing and distributing a message in a mobile device, comprising:

storing a message in a data store according to a native storage format for the mobile device, wherein storing the message includes storing a property associated with the message;

retrieving the message from the data store;

translating the retrieved message to a standard distribution format different from the native storage format; and

distributing the message within the mobile device according to the standard distribution format.